

Notes from August 5, 2004 TeV BPM Upgrade/Task Force Meeting
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Status of A3 test-stand:

- The crate, crate controller, clock, EchoTek board, filters, etc. are all hooked up in the A3 service building. Some beam positions have been seen but there are some errors and some strange behavior that needs to be sorted out. But this is a wonderful accomplishment and everyone is to be congratulated.

Gustavo Cancelo: Graychip

- Gustavo talked about the Graychip and how it works. His slides can be found in the AD doc DB #1296. I will not attempt to paraphrase what was said but refer people to the talk.

Eric James: EchoTek

- Eric talked about the EchoTek board and how it might be used to make beam measurements. His talk can be found in the AD doc DB #1297. Again Eric's talk should be referenced for details.

Discussion:

- The Graychip and the EchoTek board have been used to collect data from the Recycler and with a different setup the Tevatron. But a deeper understanding of the chip and board is necessary for the Tevatron BPM project to properly use the board to make measurements required. A work plan that includes understanding how the Graychip works and can be configured and how the entire board can be configured will be necessary to allow the project to find the optimal way to use this system.

AOB:

- We will get together Monday morning at 11:00 to discuss the status of the A3 setup and what we want to do during next week.